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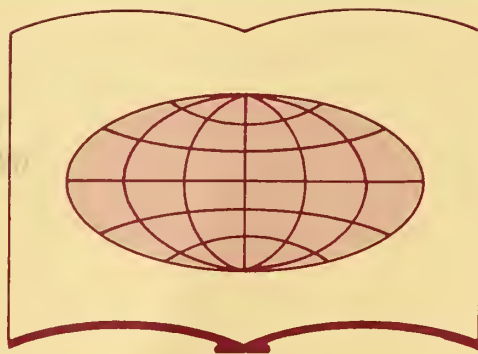
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# Pesticides DOCUMENTATION BULLETIN

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FEB 1 - 1968  
GAINESVILLE, FLORIDA



Volume 3      Number 25  
DECEMBER 8, 1967



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A N N O U N C E M E N T

This issue of the Pesticides Documentation Bulletin introduces a new computer generated current awareness service. Through the Pesticides Information Center's Update, Publication and Search (PICUPS) system, a categorized bibliographic citation file, accompanied by subject, author, organization and biographical indices will be issued bi-weekly.

All elements of the citations maintained in this mechanized file system are searchable by computer. In addition to the printed subject descriptors appearing in the Bulletin, other subject descriptors are incorporated in the tape file system as machine searchable but non-printable items. In the early issues some of these subject terms appear in the Bulletin as duplications. These duplications will be eliminated in later programs.

Since retrospective information was not previously published in searchable form, the next several issues of the Bulletin will contain selected coverage of pest control literature issued between 1960 and 1966. Additional retrospective material will be incorporated in future bulletins through the special bibliographies prepared by the Center. Current pest control literature will receive comprehensive coverage. Future expansion will include selected abstracts when such abstracts appear in the source document.

Recipients of this introductory issue are invited to send their comments and suggestions for its improvement to the U.S. Department of Agriculture, National Agricultural Library, Pesticides Information Center, 4112-Auditors Building, Washington, D. C. 20250. These comments together with computer produced statistical analyses will provide the bases for future changes.

*Blanche L. Oliveri*

Blanche L. Oliveri  
Acting Director  
National Agricultural Library



# PESTICIDES DOCUMENTATION BULLETIN

A BI-WEEKLY PUBLICATION OF

U. S. DEPARTMENT OF AGRICULTURE

Volume 3

December 8, 1967

Number 25

## OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the Pesticides Information Center, the first of its kind to be established within a national library. It is a bi-weekly index to the literature on pests and their control and the impact on the economy and man's total environment. The index includes literature on diseases, insects, nematodes, parasites, weeds, and other pests affecting plants, animals, man, our natural resources, and other values in man's environment. Literature on biological, chemical, cultural ecological, mechanical, and integrated methods of pest control will be included. Special emphasis is given to the literature on the toxicological, physiological and epidemiological aspects of pests and their control by chemical and nonchemical methods.

For broader coverage of literature on agriculture and related subjects, please consult the Bibliography of Agriculture, a monthly publication of the National Agricultural Library.

## FORMAT

The Bulletin is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection
- 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

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## ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

## 10 ENTOMOLOGY

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Plant Dis R 44(8):617

15 Aug 1960 1.9 P69P

Big vein (lettuce), Lettuce, Microorganism isolation,  
Olpidium brassicae, Roots.

735-67

SUSCEPTIBILITY OF VARIOUS APPLE VARIETIES TO THE OAK WILT  
FUNGUS.

G J Bart

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Apples, Wilt (oak).

736-67

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POINSETTA AND BEAN IN SOIL.

- D P Bateman  
Phytopatholo 50(9):62B  
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Beans, Culture media, Euphorbia pulcherrima,  
Hydrogen-ion concentration, Thielaviopsis basicola.
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OCCURRENCE OF THE SCLEROTIAL STATE OF CIBORINIA CANDOLLEANA  
(LEV.) WHET IN THE UNITED STATES OF AMERICA.  
L R Batra J M Staley  
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Sclerotia.
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BLACK STEM OF ALFALFA.  
G A Bean B L Renfro  
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Alfalfa, Black stem (alfaifa), Humidity, Temperature.
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C H Beckman M E Mace S Halmos  
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R V Bega  
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Cronartium ribicola, Environment, Seed germination,  
Sporidia.
- 741-67  
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R V Bega R S Smith  
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Pseudotsuga menziesii, Sclerotia, Sequoia gigantea,  
Thermal death range.
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RESISTANT TO VIRUS X.  
A P Benson W J Hooker  
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Carbohydrates, Plant grafting, Potatoes.
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S Z Berry  
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Alternaria, Culture media, Pathogenicity, Sesame.
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GREEN PEACH APHID DISTRIBUTION AND POTATO LEAFROLL VIRUS  
OCCURRENCE IN THE SEED-POTATO PRODUCING AREAS OF IDAHO.  
G W Bishop  
J Econ Entom 58(1):150-153  
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Idaho, Myzus persicae, Myzus persicae (Sulzer),  
Potato leafroll virus, Seed potatoes.
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A A Bitancourt  
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M A Boosalis  
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Fungi, Helminthosporium sativum.
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C W Boothroyd  
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Corn, Gibberellins, Immunization, Tomatoes.
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J S Boyce Jr  
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S W Braverman  
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STEM RUST FUNGI.  
J A Browning  
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Barley, Crown rust (oats), Stem rust (oats), Wheat.
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Pseudomonas solanacearum.
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W H Burkholder  
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H C Burnett J R McMarlin  
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Leaf spot (cherries).



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R W Davidson  
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Root rot (coniferae).
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S Dlachun L Henson  
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Clones, Mosaic (bean yellow), Red clover.
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Yellow mosaic (beans).
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SPREAD OF BARLEY YELLOW DWARF VIRUS.  
E A Dickason W B Raymer W H Foote  
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Aphididae, Barley, Insecticides, Yellow dwarf (barley).
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MERULIUS LACRYMANS.  
J D Diller E J Koch  
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J E Dimitman L J Klotz  
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Citrus, Phytophthora gummosis, Seedlings, Tree control.
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H English J R Davis  
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Pseudomonas syringae.
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LOSS CAUSED BY LATE INFECTION OF CANTALOUPE BY THE CURLY  
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R A Flock E F Laird Jr R C Dickson  
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W N Garrett  
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Thielaviopsis basicola.
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Bull Entomol R 51(2):223-237  
Jul 1960 421 BB7  
Aspidiotus destructor Sign., Biological control (insects), Coconuts, Cryptognatha nodiceps, Portuguese West Africa, Principe.

1237-67

THE SORPTION AND RETENTION OF ETHYLENE DIBROMIDE BY FUMIGATED CITRUS AND AVOCADO FRUITS.  
W B Sinclair D E Lindgren R Forbes  
J Econ Entom 55(2):236-240  
Apr 1962 421 JB22  
Adsorption, Avocados, Citrus, Ethylene dibromide, Fumigation.

1238-67

APPLICATION OF SYSTEMIC INSECTICIDES AS SEED TREATMENT TO PROTECT WHEAT PLANTS AGAINST GRASSHOPPERS AND WHEAT STEM SAWFLY.  
F E Skoog L E Wallace  
J Econ Entom 57(2):199-205, TABS.  
Feb 1964 421 JB22  
Cephus cinctus, Cephus cinctus, Grasshoppers, Insecticide application, Systemic insecticides, Wheat.

1239-67

CONTROL OF THE PEACH TREE BORER ON YOUNG PEACH TREES BY A TREATMENT BEFORE PLANTING.  
E H Smith  
J Econ Entom 55(3):294-298, PL.  
Jun 1962 421 JB22  
Insecticides, Peaches, Sanninoidea exitiosa, Sanninoidea exitiosa, Tree planting.

1240-67

PEACH TREE BORER EXPERIMENTS IN PEACH ORCHARDS.  
O I Snapp  
J Econ Entom 55(3):418-419  
Jun 1962 421 JB22  
Peaches, Sanninoidea exitiosa, Sanninoidea exitiosa, Spraying.

1241-67

SECONDARY BAGWORM INJURY.  
L J Stannard Jr  
J Econ Entom 57(1):176, PL.  
Feb 1964 421 JB22  
Girdling (insects), Thyridopteryx ephemeraeformis, Thyridopteryx ephemeraeformis.

1242-67

A FIELD TEST OF LINDANE FOR PREVENTION AND CONTROL OF ATTACK BY IPS CONFUSUS (LECONTE) (COLEOPTERA:SCOLYTIDE) IN SLASH.  
R W Stark J H Borden  
J Econ Entom 58(5):994-996  
Oct 1965 421 JB22  
Field test, Ips confusus, Lindane, Pinus.

1243-67

DAMAGE TO CORN BY THE PINK SCAVENGER CATERPILLAR AND ITS RELATIONSHIP TO CORN EARWORM AND RICE WEEVIL DAMAGE.  
K J Starks H C Cox W W McMillan R L Burton  
J Econ Entom 59(4):931-934, TABS.  
Aug 1966 421 JB22  
Corn, Heliothis zea, Heliothis zea, Sathrobrotia rileyi, Sathrobrotia rileyi, Sitophilus oryzae, Sitophilus oryzae.

1244-67

CONTROL OF PLANT BUGS AND OTHER INSECTS ON KENTUCKY BLUEGRASS GROWN FOR SEED.  
K J. Starks R Thurston  
J Econ Entom 55(6):993-997, TABS.  
Dec 1962 421 JB22  
Insects, Miridae, Miridae, Poa, Poa, Seeds.

1245-67

EXPERIMENT ON ALFALFA INSECT CONTROL IN MARYLAND.  
A L Steinhauer C C Blickenstaff V E Adler  
J Econ Entom 55(5):718-722, TABS.  
Oct 1962 421 JB22  
Alfalfa, Insect control, Insecticides.

1246-67

EFFECT OF INFESTATION BY THE RICE STINK BUG, OEBALUS PUGNAX ON YIELD AND QUALITY IN RICE.  
M C Swanson L D Newsom  
J Econ Entom 55(6):877-879  
Dec 1962 421 JB22  
Crop yields, Oebalus pugnax, Rice.

1247-67

INSECTICIDES FOR TOBACCO FLEA BEETLE CONTROL ON CIGAR-WRAPPER TOBACCO.  
W B Tappan  
J Econ Entom 58(4):730-732  
Aug 1965 421 JB22  
Cigar-wrapper tobacco, Epitrix hirtipennis, Epitrix hirtipennis (Melsheimer), Insecticides.

1248-67

ASTER YELLOW SICKNESS CONTROL IN HEAD LETTUCE AND CARROTS IN PRINCE EDWARD ISLAND.  
L S Thompson  
J Econ Entom 58(1):135-137  
Feb 1965 421 JB22  
Aster yellows (carrots), Carrots, Lettuce, Macrosteles fascifrons (Stal), Prince Edward Island, Viruses, Yellows (lettuce).

1249-67

EFFECT OF INSECTICIDES ON THE GREEN PEACH APHID, MYZUS PERSICAE (SULZER), INFESTING BURLEY TOBACCO.  
R Thurston  
J Econ Entom 58(6):1127-1130, TABS.  
Dec 1965 421 JB22  
Air-cured tobacco, Insecticides, Myzus persicae, Myzus persicae (Sulzer).

1250-67

THE SAWFLY ATOMACERA DECEPTA, A PEST OF HIBISCUS.  
H H Tipples  
J Econ Entom 58(1):161  
Feb 1965 421 JB22  
Argidae, Hibiscus, Plant pest resistance.

1251-67

THE RESPONSE OF CRANBERRY FRUITWORM TO BLACK LIGHT.  
W E Tomlinson Jr  
J Econ Entom 55(4):573  
Aug 1962 421 JB22  
Acrobasis vaccinii, Light traps.

1252-67

CONTROL OF LICHNANTHE VULPINA IN CRANBERRY BOGS.  
W E Tomlinson Jr  
J Econ Entom 55(4):572-573  
Aug 1962 421 JB22  
Cranberry bogs, Larvae, Lichnanthe vulpina (Hentz).

- 1253-67  
CONTROLLING THE CORN LEAF APHID, RHOPALOSIPHUM MAIDIS, IN GREENHOUSES.  
C A Tripphorn  
J Econ Entom 55(4):570  
Aug 1962 421 J822  
Greenhouses, Rhopalosiphum maidis,  
Rhopalosiphum maidis (Fitch).
- 1254-67  
APHIDECTA OBLITERATA (COLEOPTERA: COCCINELLIDAE), AN INTRODUCED PREDATOR OF THE BALSAM WOOLLY APHID, CHERMES PICEAE (HOMOPTERA: CHERMIDAE), ESTABLISHED IN NORTH CAROLINA.  
J Econ Entom 59(3):506-508  
Jun 1966 421 J822  
Aphidecta oblitterata, Chermes piceae, Chermes piceae, Chermidae, Coccinellidae, Coleoptera, Homoptera, Predaceous insects.
- 1255-67  
EFFECTS OF THE BOLL WEEVIL AND BOLLWORM ON COTTON QUALITY.  
J K Walker R L Hanna  
J Econ Entom 59(2):265-267, TABS  
Apr 1966 421 J822  
Anthonomus grandis, Anthonomus grandis Boheman, Cotton, Crop yields, Heliothis zea, Heliothis zea (Boddie).
- 1256-67  
FIELD-PLOT TESTS OF CHEMICALS FOR WHEAT STEM SAWFLY CONTROL.  
L W Wallace  
J Econ Entom 55(6):908-912  
Dec 1962 421 J822  
Cephus cinctus, Cephus cinctus, Chemicals, Insect control, Wheat.
- 1257-67  
HOST PLANT PREFERENCE OF THE SIX-SPOTTED LEAFHOPPER.  
R L Wallis  
J Econ Entom 55(6):998-999  
Dec 1962 421 J822  
Host plants, Macrosteles fascifrons, Macrosteles fascifrons, Ornamental plants, Vegetables.
- 1258-67  
A FIELD TEST WITH INSECTICIDES TO CONTROL THE SCALE FLORINIA EXTERNA ON CANADIAN HEMLOCK.  
W E Wallner  
J Econ Entom 55(5):798-799  
Oct 1962 421 J822  
Florinia externa (Ferris), Insecticides, Scales (insects), Tsuga.
- 1259-67  
NORTHERN CORN ROOTWORM RESISTANCE IN SWEET CORN.  
E V Walter  
J Econ Entom 58(6):1076-1078  
Dec 1965 421 J822  
Diabrotica longicornis, Diabrotica longicornis (Say), Plant hardiness, Sweetcorn.
- 1260-67  
INFLUENCE OF THRIPS ON COTTON YIELDS IN ALABAMA.  
T F Watson  
J Econ Entom 58(6):1118-1122, TABS.  
Dec 1965 421 J822  
Alabama, Cotton, Frankliniella fusca, Frankliniella fusca (Hinds), Frankliniella tritici, Frankliniella tritici (Fitch), Thrips tabaci, Thrips tabaci.
- 1261-67  
COMPARISON OF INSECTICIDE APPLICATION SCHEDULES FOR CONTROL OF COTTON INSECTS.  
T F Watson M C Sconyers  
J Econ Entom 58(6):1124-1127, TABS.  
Dec 1965 421 J822  
Anthonomus grandis, Anthonomus grandis Boheman, Cotton, Heliothis virescens, Heliothis zea, Heliothis zea (Boddie), Insecticide application.
- 1262-67  
SEASONAL DISTRIBUTION OF DROSOPHILID FLIES IN BELTSVILLE, MARYLAND, TOMATO FIELDS.  
H E Wave  
J Econ Entom 55(3):409-411  
Jun 1962 421 J822  
Diptera, Diptera, Drosophilidae, Insect control, Tomatoes.
- 1263-67  
COMPARATIVE SUSCEPTIBILITY OF LONG- AND SHORT-STAPLE COTTON VARIETIES TO BOLLWORM INJURY IN ARIZONA.  
G P Wene L W Sheets  
J Econ Entom 59(6):538-539  
Dec 1966 421 J822  
Arizona, Cotton, Heliothis zea, Heliothis zea.
- 1264-67  
WHITE SPRUCE SEED LOSS CAUSED BY INSECTS IN INTERIOR ALASKA.  
R A Werner  
Can Entom 96(11):1462-1464  
Nov 1964 421 C16  
Alaska, Picea glauca.
- 1265-67  
PSYLLA PYRICOLA FOERSTER SUPPRESSES PEAR TREE ROOT DEVELOPMENT.  
W H A Wilde D L McIntosh  
Can Entom 96(8):1083-1087  
Aug 1964 421 C16  
Psylla pyricola Foerster.
- 1266-67  
THE SPINED STINK BUG: CAUSE OF COTTONY SPOT IN PEAR IN BRITISH COLUMBIA.  
J M Wilks  
Can Entom 96(9):1198-1201  
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British Columbia, Cottony spot (pears), Euschistus variolarius (Beauv.).
- 1267-67  
LOW-VOLUME CONCENTRATE SPRAYS APPLIED BY AIRCRAFT FOR CONTROL OF THE CEREAL LEAF BEETLE.  
M Wilson R F Ruppel R E Treece  
J Econ Entom 58(1):11-14  
Feb 1965 421 J822  
Aircraft disinfection, Cereal leaf beetle, Insect control, Oulema melanopa (L), Spraying.
- 1268-67  
DETECTING CORN SEEDLING DIFFERENCES IN THE GREENHOUSE BY VISUAL CLASSIFICATION OF DAMAGE BY THE FALL ARMYWORM.  
B R Wiseman R H Painter C E Wasson  
J Econ Entom 59(5):1211-1214  
Oct 1966 421 J822  
Corn, Greenhouse culture, Seedlings, Spodoptera frugiperda, Spodoptera frugiperda (J. E. Smith), Visual classification.
- 1269-67  
TOMATO YIELDS AND LEAF MINER INFESTATIONS AND A SEQUENTIAL SAMPLING PLAN FOR DETERMINING NEED FOR CONTROL TREATMENTS.  
D A Wolfenbarger D O Wolfenbarger  
J Econ Entom 59(2):279-283, TABS.  
Apr 1966 421 J822  
Chemical control (insects), Crop yields, Leaf miners, Liriomyza sp., Tomatoes.
- 1270-67  
TOMATO, LYCOPERSICON ESCULENTUM, AND LYCOPERSICON SPECIES AND GENETIC MARKERS IN RELATION TO MITE, TETRANYCHUS MARIANAE, INFESTATIONS.  
D A Wolfenbarger  
J Econ Entom 58(5):891-893  
Oct 1965 421 J822  
Lycopersicon peruvianum, Mites, Tetranychus marianae, Tomatoes, Tomatoes.
- 1271-67  
VARIATION IN SUSCEPTIBILITY OF SOYBEAN PUBESCENT TYPES, BROAD BEAN, AND RUNNER BEAN VARIETIES AND PLANT INTRODUCTIONS TO THE POTATO LEAFHOPPER.  
D A Wolfenbarger J P Sleesman  
J Econ Entom 56(6):895-897  
Dec 1963 421 J822  
Broadbeans, Empoasca fabae, Empoasca fabae (Harris), Plant pest resistance, Runner beans, Soybeans.
- 1272-67  
THE BANDED CUCUMBER BEETLE AND ITS CONTROL.  
D O Wolfenbarger  
J Econ Entom 56(6):770-773, TABS.  
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Cucumbers, Diabrotica balteata, Diabrotica balteata (LeConte).



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Avocados, Bromochloroethane, Ethylene dibromide, Fumigation,  
Insect control.
- 1274-67  
VARIATIONS IN LEAF MINER AND FLEA BEETLE INJURIES IN TOMATO  
VARIETIES.  
Da Wolfenbarger  
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Feb 1966 421 J822  
Chrysomelidae, Epitrix hertipennis (Meisheimer), Injuries,  
Tomatoes.
- 1275-67  
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YIELD OF TRIUMPH WHEAT.  
E A Wood Jr  
J Econ Entom 58(4):778-779  
Aug 1965 421 J822  
Crop yields, Macrosiphum avenae, Macrosiphum avenae (F),  
Schizaphis graminum, Schizaphis graminum (Rondani), Wheat.
- 1276-67  
EXPERIMENTS ON THE INTERRELATIONSHIP BETWEEN OLEORESIN  
EXUDATION PRESSURE IN PINUS PONDEROSA AND ATTACK BY IPS  
CONFUSUS (LEC.) (COLEOPTERA: SCOLYTIDAE).  
D L Wood  
Can Entom 94(5):473-477  
May 1962 421 C16  
Coleoptera, Ips confusus, Ips confusus (LeConte),  
Oleoresins, Pinus ponderosa, Scolytidae.
- 1277-67  
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G W Wood  
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Blueberries, Insect behavior, Noctuidae, Noctuidae.
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USE OF HERBICIDES TO BREAK THE LIFE CYCLE OF THE BENTGRASS  
NEMATODE, ANGUINA AGROSTIS (STEINBUCK 1799) FILIPJEV 1936.  
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Agrostis, Agrostis, Anguina agrostis, Bentgrass nematode,  
Herbicides.
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Catenaria, Plant nematodes, Plant physiology.
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Cotton, Meloidogyne incognita acrita, Root knot (cotton),  
Seedlings.
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POPULATION DEVELOPMENT OF MELOIDOGYNE ARENARIA IN RED CLO-  
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Assay, Nematode repellents.
- 1286-67  
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Pratylenchus penetrans, Roots.
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Soybeans.
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Temperature.
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*Colias eurytheme*, *Colias eurytheme*, Insecticides.
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Buchner funnel method, Larvae, Nematode extraction,  
Nematodes.

1316-67

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H E Thompson  
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Aisophila pometaria, Palearctica vernata, Pest control,  
Spraying, Trees.

1317-67

THE EFFECT OF HOT WATER AT DIFFERENT TEMPERATURES ON LARVAE  
OF VARIOUS SPECIES OF MELOIDOGYNE.  
J T Walker  
Phytopatholo 50(9):658  
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Hot water treatment (nematodes), Larvae, Meloidogyne,  
Temperature.

1318-67

DAGGER NEMATODES ASSOCIATED WITH FORAGE CROPS IN NEW YORK.  
C H Ward  
Phytopatholo 50(9):658  
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Crops, Forage plants, New York, Xiphinema americanum.

1319-67

NEMATODE CONTROL ON ROSES WITH ROOT DIP TREATMENTS.  
C E Williamson M C Harrison  
Phytopatholo 50(9):659  
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Plant nematodes, Root dip treatment, Rosa.

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1320-67

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Can Entom 94(S):S07-S14, B18L. S14  
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Biological control (weeds), Plant ecology, Weed control.

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1321-67

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REPELLENTS.  
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Bird pests, Bird repellents, Red-winged blackbird.

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1322-67

CONTROL OF MINK MYIASIS CAUSED BY THE LARVAE OF WOHLFAHRTIA  
VIGIL.  
J L Eschle G R DeFoliart  
J Econ Entom 58(3):S29-S31  
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Diptera, Insect vectors, Minks, Myiasis, Sarcophagidae,  
Wohlfahrtia vigil (Walker).

1323-67

SUPPLEMENTATION OF CHICK DIETS WITH VITAMIN E TO IMPROVE  
MEAT QUALITY.  
B Laksesveia  
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Chicks, Diet, Poultry meat.

1324-67

STUDY OF SOME MINERAL MIXTURES DESIGNED FOR DAIRY COWS.  
R C Noble B Thomas  
J Sci Food A 11(9):485-497  
Sep 1960 382 S012  
Dairy cattle, Minerals.

1325-67

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NODES.  
P M Nottingham  
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Aug 1960 382 S012  
Bacteria, Beef, Bone-taint, Bones, Lymph nodes.

1326-67

CONTROL OF THE HACKBERRY-NIPPLE GALL MAKER WITH NEW ORGANIC  
INSECTICIDES.  
H E Thompson  
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Insecticides, Organic compounds, Pachypsylla celtidismamma,  
Pachypsylla celtidismamma, Pest control.

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1327-67

LARVICIDES FOR THE CONTROL OF HOUSE FLIES IN POULTRY  
HOUSES.  
U E Brady Jr G C LaBrecque  
J Econ Entom 59(6) IS2I  
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Larvicides, Musca domestica, Musca domestica,  
Poultry manure.

1328-67

EFFECTS OF CERTAIN SYSTEMIC INSECTICIDES IN BACKRUBBERS FOR  
CATTLE GRUB CONTROL.  
J R Brethour T L Harvey  
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Oct 1962 421 J822  
Backrubbers, Hypoderma, Hypoderma spp., Insecticides.

1329-67

THE METABOLISM OF P32-LABELED CIODRIN IN A LACTATING GOAT.  
W F Chamberlain  
J Econ Entom 57(3):329-331  
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Cioldrin, Goats, Metabolism.

1330-67

OIL-BASED AND WATER-BASED CIODRIN SPRAYS FOR FLY CONTROL ON  
DAIRY CATTLE.  
Tien-Hsi Cheng A A Hower R K Sprengel



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Clodrin, Dairy cattle, Diptera, Haematobia irritans,  
Musca autumnalis, Spraying, Stomoxys calcitrans.
- 1331-67  
TESTS WITH SYSTEMIC INSECTICIDES IN RABBITS AS TOXICANTS FOR  
BODY LICE.  
M M Cole D L Van Natta  
J Econ Entom 57(1):67-70, B1BL. 70  
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Pediculus humanus humanus, Pediculus humanus humanus,  
Rabbits, Systemic insecticides, Toxicology.
- 1332-67  
DIMENSIONS OF THE CLEAR AREAS IN THE SKIN OF CHICKS THAT RE-  
SULTED FROM THE FEEDING BY LARVAE OF TWO STRAINS OF TROMBI-  
CULA SPLENDENS AT DIFFERENT PERIODS.  
H F Cross  
J Econ Entom 55(1):27-33  
Jun 1962 421 JB22  
Chicks, Feeding, Larvae, Trombicula splendens,  
Trombiculidae.
- 1333-67  
EXPERIMENTS WITH HOMOGENATES OF LARVAE OF TROMBICULA SPLEN-  
DENS.  
H F Cross  
J Econ Entom 55(3):403-404  
Jun 1962 421 JB22  
Animals, Homogenization, Larvae, Trombicula splendens,  
Trombiculidae.
- 1334-67  
IN VIVO STUDIES OF TISSUE REACTION IN CHICKS RESULTING FROM  
THE FEEDING BY LARVAE OF TROMBICULA SPLENDENS.  
H F Cross  
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Chicks, Feeding, Larvae, Tissues, Trombicula splendens,  
Trombiculidae.
- 1335-67  
PREVENTIVE SPRAYING SCHEDULES FOR DAIRY FARM FLY CONTROL.  
G R DeFoliart  
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Dairy farms, Haematobia irritans (L.),  
Musca autumnalis DeGeer, Musca domestica L., Spraying,  
Stomoxys calcitrans (L.).
- 1336-67  
CATTLE GRUB CONTROL BY THE ADDITION OF A SYSTEMIC INSECTI-  
CIDE TO DRINKING WATER.  
R C Dobson D P Sanders  
J Econ Entom 56(5):717-718  
Oct 1963 421 JB22  
Hypoderma, Hypoderma bovis (L.),  
Hypoderma lineatum (de Villers), Systemic insecticides,  
Water treatment.
- 1337-67  
FACE FLY AND HORN FLY CONTROL ON CATTLE - 1962-1964.  
C K Dorsey J O Heishmann C J Cunningham  
J Econ Entom 59(3):726-732  
Jun 1966 421 JB22  
Cattle, Haematobia irritans, Haematobia irritans,  
Insecticides, Musca autumnalis, Musca autumnalis.
- 1338-67  
LOW-VOLUME DERMAL APPLICATIONS AND INJECTIONS OF CO-RAL  
FOR SYSTEMIC CONTROL OF CATTLE GRUBS.  
R O Drummond O H Graham  
J Econ Entom 55(2):255-258  
Apr 1962 421 JB22  
Co-Ral, Hypoderma, Hypoderma, Insect control, Skin.
- 1339-67  
CONTROL OF CATTLE GRUBS WITH COUMAPHOS APPLIED BY SPRAYER  
AND SPRAY-DIP MACHINE.  
R O Drummond T M Whetstone S E Ernst  
J Econ Entom 58(5):1017-1018  
Oct 1965 421 JB22  
Coumaphos, Hypoderma, Spraying equipment.
- 1340-67  
INSECTICIDE TESTS AGAINST THE TROPICAL HORSE TICK, DERMA-  
CENTOR NITENS, ON HORSES.  
R O Drummond O H Graham  
J Econ Entom 57(4):549-553  
Aug 1964 421 JB22  
Anocentor nitens, Dermacentor nitens Neumann, Horses,  
Insecticides.
- 1341-67  
FIELD TESTS WITH INSECTICIDES FOR THE CONTROL OF TICKS ON  
LIVESTOCK.  
R O Drummond J G Medley  
J Econ Entom 58(6):1131-1136, TABS.  
Dec 1965 421 JB22  
Amblyomma americanum (L), Cattle, Horses, Insecticides,  
Ixodides.
- 1342-67  
CONTROL OF HOUSE FLIES IN BOVINE FECES BY A FEED ADDITIVE  
CONTAINING BACILLUS THURINGIENSIS VAR. THURINGIENSIS BER-  
LINER.  
P H Dunn  
J Invertebrate Path 2(1):13-16  
1960 421 JB26  
Bacillus thuringiensis var. thuringiensis Berliner,  
Beef cattle, Feces, Feed additives, Musca domestica.
- 1343-67  
CONTROL OF NORTHERN FOWL MITES, ORNITHONYSSUS SYLVARIUM,  
WITH SULFAQUINOXALINE.  
D P Furman V S Stratton  
J Econ Entom 56(6):904-905  
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Coccidiosis, Northern fowl mites, Ornithonyssus sylvium,  
Sulfaquinoxaline.
- 1344-67  
TESTS AGAINST FACE FLIES ON CATTLE IN NEW JERSEY DURING  
1961.  
P Granett E J Hansens A J Forgash  
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Cattle, Musca autumnalis, Musca autumnalis De Geer.
- 1345-67  
CONTROL OF FLIES ON CATTLE BY FREQUENT, LOW-VOLUME MIST  
SPRAY APPLICATION OF CIODRIN.  
R A Hoffman I L Berry O H Graham  
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Cattle, Clodrin, Diptera.
- 1346-67  
SPECIES OF HIPPELATES (DIPTERA: CHLORPIDAE) GNATS COLLEC-  
TED FROM MAMMALS.  
E G Jay Jr  
J Econ Entom 55(6):1011-1012  
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Chloripidae, Diptera, Hippelates, Mammals.
- 1347-67  
FREE CHOICE FEEDING OF RONNEL MINERAL BLOCK AND GRANULES FOR  
FACE FLY, HORN FLY, AND CATTLE GRUB CONTROL.  
F W Knapp  
J Econ Entom 58(5):B36-B38  
Oct 1965 421 JB22  
Cattle grub, Diptera, Haematobia irritans,  
Haematobia irritans, Hypoderma, Musca autumnalis,  
Musca autumnalis, Ronnel mineral block,  
Ronnel mineral granules.
- 1348-67  
CO-RAL AS A LITTER AND NEST DUST TO CONTROL THE CHICKEN BODY  
LOUSE.  
F W Knapp  
J Econ Entom 55(4):571-572  
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Coumaphos, Dusting, Menacanthus stramineus,  
Menacanthus stramineus (Nitzsch).
- 1349-67  
STUDIES ON THE REMOVAL OF EMBEDDED LONE STAR TICKS AMBLYOM-  
MA AMERICANUM.  
K L Knight D E Bryan C W Taylor  
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Amblyomma americanum, Animals, Chemicals, Insect removal,  
Lone star ticks.
- 1350-67  
METABOLISM OF AND RESIDUES ASSOCIATED WITH DERMAL AND  
INTRAMUSCULAR APPLICATION OF RADIOLABELED FENTHION TO  
DAIRY COWS.  
C O Knowles B W Arthur

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Dairy cattle, Fenthion, Insecticide residues, Metabolism,  
Musca domestica L., Radioactive tracers,  
Stomoxys calcitrans (L.).
- 1351-67  
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P H Kohler W M Rogoff  
J Econ Entom 55(4):539-544, TA85.  
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Hypoderma, Hypoderma, Injections, Insect control, Spraying.
- 1352-67  
INDUCED BUILDUP OF POPULATIONS OF BOVICOLA BOVIS ON CATTLE  
IN OREGON.  
L F Lewis D M Christenson  
J Econ Entom 55(6):947-949  
Dec 1962 421 J822  
Animal protective devices, Bovicola bovis, Cattle,  
Cattle louse.
- 1353-67  
FURTHER TESTS WITH POWER DUSTING TO CONTROL THE SHEEP KED.  
R E Pfadt R J Lavigne  
J Econ Entom 58(1):37-38  
Feb 1965 421 J822  
Dusting, Insect control, Insecticide application,  
Insecticides, Melophagus ovinus, Melophagus ovinus (L.).
- 1354-67  
FAMILY DIFFERENCES IN ATTRACTIVENESS OF POULTRY TO THE  
CHICKEN BODY LOUSE, MENACANTHUS STRAMINEUS (MALLOPHAGA).  
G D Quigley  
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Attractants, Menacanthus stramineus,  
Menacanthus stramineus (Mallophaga), Poultry.
- 1355-67  
AREA POPULATION CONTROL OF HEEL FLIES BY RUELENE POUR-ON  
APPLICATION ANNUALLY TO CATTLE.  
L A Riehl H W Lembright P D Ludwig  
J Econ Entom 58(1):1-4  
Feb 1965 421 J822  
Cattle, Hypoderma bovis (L), Hypoderma lineata,  
Hypoderma lineatum (deVilliers), Insect control, Population,  
Ruelene.
- 1356-67  
THE EFFECT OF RADIATION TO PYRETHRINS APPLIED TO CATTLE.  
R H Roberts  
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Cattle, Pyrethrum, Radiation, Ultraviolet rays.
- 1357-67  
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TREATMENT.  
D K Scharff P D Ludwig  
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Hypoderma, Hypoderma, Ruelene.
- 1358-67  
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Cattle louse, Haematopinus eurysternus (Nitzsch),  
Insecticides.
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DROPPINGS FROM CHICKENS FED INSECTICIDE-TREATED RATIONS.  
M Sherman E Ross G H Komatsu  
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Chicks, Excreta, Food, Insecticides, Larvae, Maggots.
- 1360-67  
FLY CONTROL IN FECES FROM CATTLE FED CO-RAL.  
J S Skaptason C W Pitts  
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Cattle, Coumaphos, Diptera, Diptera, Feces, Insect control.
- 1361-67  
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SURVEYS.  
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Dogs, Ear mite, Otodectes cynotis (Hering).
- 1362-67  
LOW LEVEL FEEDING OF RONNEL IN A MINERAL SALT MIXTURE FOR  
AREA CONTROL OF THE FACE FLY, MUSCA AUTUMNALIS.  
J B Wallace E C Turner Jr  
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Feeding, Musca autumnalis, Musca autumnalis, Ronnel.
- 1363-67  
EXPERIMENTS FOR CONTROL OF THE FACE FLY IN VIRGINIA.  
J B Wallace E C Turner Jr  
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Cattle, Insect control, Musca autumnalis, Musca autumnalis.
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LINDANE AND 8HC IN EGG YOLKS FOLLOWING RECOMMENDED USES FOR  
LOUSE AND MITE CONTROL.  
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Anoplura, Benzene hexachloride, Egg yolks,  
Insecticide residues, Lindane, Mites.
- 1365-67  
THE EFFECT OF HORSE FLY CONTROL ON RATE OF INFECTION OF  
BOVINE ANAPLASMOSIS UNDER FIELD CONDITIONS IN LOUISIANA.  
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Anaplasmosis, Louisiana, Tabanidae, Tabanidae.
- 1366-67  
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R L Younger B W Wunderlich  
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Cattle, Naled.
- 1367-67  
TOXICOLOGICAL STUDIES OF COMPOUND VC 1-13 IN LIVESTOCK.  
R L Younger R D Radeleff C P Weidenbach  
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Chemicals, Compound VC 1-13, Livestock, Toxicology.

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THE COMMON CATTLE GRUB IN CATTLE IN SOUTHWESTERN  
TEXAS.  
R O Drummond  
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Cattle, Cattle grub, Hypoderma lineatum (De Villiers), Texas.
- 1369-67  
CONTROL OF TICKS ON CATTLE WITH TOXAPHENE APPLIED BY POWER  
SPRAYER AND SPRAY RACE.  
O Drummond T M Whetstone S E Ernst  
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Amblyomma americanum (L.), Cattle,  
Dermacentor albipictus (Packard), Ixodidae, Spraying,  
Toxaphene.

Peaches, Pustular spot (peaches), Storage diseases.

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1370-67

A STUDY OF THE POSSIBLE CARCINOGENICITY OF IRRADIATED FOODS.  
J L Radomski W B Deichmann B S Austin W E MacDonald  
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Carcinogens, Irradiated food.

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1371-67

EFFECT OF MOISTURE CONTENT ON THE STORAGE OF BRAZIL NUTS.  
G Ayerst D Budd  
J Sci Food A 11(7):390-396  
Jul 1960 382 S012  
Bertholletia excelsa, Brazilnuts, Food moisture,  
Food storage.

1372-67

COOLING BULK GRAIN IN THE BRITISH CLIMATE TO CONTROL STORAGE INSECTS AND TO IMPROVE KEEPING QUALITY.  
H D Burges N J Burrell  
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Cooling, Grain, Storage.

1373-67

BIOCHEMICAL CHANGES ASSOCIATED WITH THE DEVELOPMENT OF LOW-TEMPERATURE BREAKDOWN IN APPLES.  
A C Hulme W H Smith L S C Wooltorton  
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Apples, Cold storage, Oxalacetic acid, Temperature.

1374-67

DECAY OF FRESHLY HARVESTED POTATOES IN AIR-TIGHT CONTAINERS.  
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Containers, Plant decay, Potatoes, Soft rot (potatoes).

1375-67

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S A Qasem C M Christensen  
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Corn, Fungi, Stored products.

1376-67

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Blueberries, Molds, Temperature.

1377-67

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Feed, Heating, Humidity, Molds, Storage injuries,  
Stored products.

1378-67

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W R Wright M A Smith G B Ramsey L Beraha  
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1379-67

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Y H Sang  
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Beans, Callosobruchus chinensis, Grain protectants, Korea,  
Southern cowpea weevil.

1380-67

TESTS WITH ENDOSULFAN TO PREVENT BORER DAMAGE TO UNSEASONED PINE LOGS.  
W B Becker  
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Pine logs, Plissodes approximatus.

1381-67

STUDIES OF PHOSPHINE AS A FUMIGANT FOR SACKED RICE UNDER GAS-TIGHT TARPAULINS.  
R R Cogburn E W Tilton  
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Fumigants, Phosphine, Rice, Sitophilus oryzae (L.),  
Tarpaulins, Tribolium confusum (Jacqueline du Val).

1382-67

SYSTEMIC INSECTICIDES TO CONTROL GREENBUGS ON SPRING PLANTED BARLEY.  
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Barley, Insect control, Schizaphis graminum,  
Schizaphis graminum, Systemic insecticides.

1383-67

PHORATE AND DEMETON FOR CONTROL OF THE PEA LEAF MINER ON SUGARBEETS.  
J E Duffus N F McCalley  
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Demeton, Insect control, Liriomyza langel, Pea leaf miner,  
Phorate, Sugarbeets.

1384-67

CONTROL OF THE SCALE PULVINARIA PSIDII ON IXORA.  
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Coccoidea, Ixora, Pulvinaria psidii.

1385-67

RELATIONSHIPS OF INSECTS TO HOT SPOTS IN STORED WHEAT.  
L E Elghme  
J Econ Entom 59(3):564-569  
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Hot spots, Oryzaephilus surinamensis, Rhyzopertha dominica,  
Sitophilus granarius, Storage, Tribolium castaneum, Wheat.

1386-67

THE INCIDENCE, IMPORTANCE, AND CONTROL OF INSECTS FOUND IN STORED FOOD AND FOOD-HANDLING AREAS OF SHIPS.  
B R Evans J E Porter  
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1387-67

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Toxicology, Vapors.



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EXPLORATORY TESTS WITH BROMODAN AS A PROTECTANT FOR WHEAT AGAINST STORED-PRODUCT INSECTS.

P K Harein H B Gillenwater

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Bromodan, *Sitophilus oryzae* (L.), Stored products, *Tribolium confusum* Jacquelin duVal, Wheat.

1389-67

DOSAGE-TIME RELATIONSHIPS BETWEEN B0:20 (CCL4: CS2) AND ADULT RICE WEEVILS, *SITOPHILUS ORYZAE*.

P K Harein G F Krause

J Econ Entom 57(4):S21-S22, TABS.

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Carbon disulfide, Carbon tetrachloride, Dosage, Fumigation, *Sitophilus oryzae*, *Sitophilus oryzae*.

1390-67

DOSAGE APPLIED AND CONCENTRATION OBTAINED IN THE FUNIGATION OF VARIOUS COMMODITIES WITH METHYL BROMIDE.

D L Lindgren L E Vincent

J Econ Entom 55(5):674-676

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Adsorption, Fumigation, Methyl bromide.

1391-67

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E A R Liscombe F L Watters

Can Entom 94(4):433-441

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Grain, Granary, Stored product insects.

1392-67

WITHIN-PACKAGE ETHYLENE DIBROMIDE FUMIGATION OF MANGOES AND GRAPEFRUIT IN FIBERBOARD CARTONS TO DESTROY MEXICAN FRUIT FLY INFESTATIONS.

M Mc Phalc D, F Lopez J F Murcio Velasco

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Aug 1963 421 JB22

Anastrepha ludens, Anastrepha ludens (Loew), Cartons, Ethylene dibromide, Fiberboard, Fumigation, Grapefruit, Mangoes.

1393-67

PREFERENCE OF TRIBOLIUM CASTANEUM FOR WHEAT CONTAINING VARIOUS PERCENTAGES OF DOCKAGE.

H E McGregor

J Econ Entom 57(4):S11-S13, TABS.

Aug 1964 421 JB22

Dockage, *Tribolium castaneum*, Wheat.

1394-67

FIELD TESTS WITH LOW-LEVEL FEEDING OF RONNEL FOR CONTROL OF CATTLE GRUBS AND HORN FLIES.

J G Medley R O Drummond O H Graham

J Econ Entom 56(4):S00-S03, TABS.

Aug 1963 421 JB22

Haematobia irritans, Haematobia irritans (L.), Hypoderma, Hypoderma lineatum (De Villiers), Ronnel, Systemic insecticides.

1395-67

CONTROL OF THE TOBACCO MOTH WITH DICHLORVOS.

A F Press Jr D P Childs

J Econ Entom 59(2):264-265

Apr 1966 421 JB22

Dichlorvos, *Ephestia elutella*, *Ephestia elutella*, Stored products.

1396-67

TOLERANCE OF IMPORTED GARLIC BULBS TO METHYL BROMIDE FUMIGATION AND HOT-WATER DIPS.

H Roth H H Richardson

J Econ Entom 56(6):B39-B42, TABS.

Dec 1963 421 JB22

Brachymerus, Dipping, *Dyspessa ulala*, Fumigation, Garlic, Hot water treatment (plants), Methyl bromide.

1397-67

AN OUTLINE OF RECENT PROGRESS IN STORED-PRODUCTS ENTOMOLOGY.

P Simmons

J Econ Entom 57(1):29-31

Feb 1964 421 JB22

Stored-products insect research.

1398-67

EFFECTS OF TEMPERATURE, REDUCED PRESSURE, AND MOISTURE CONTENT ON SORPTION AND RETENTION OF ETHYLENE DIBROMIDE BY WHEAT AND CORN.

W B Sinclair D L Lindgren R Forbes

J Econ Entom 57(4):470-475, TABS.

Aug 1964 421 JB22

Absorption, Corn, Ethylene dibromide, Grain moisture, Pressure, Temperature, Wheat.

1399-67

INSECTS FOUND IN OHIO GRAIN ELEVATORS AND FEED MILLS.

C A Triplehorn

J Econ Entom 58(3):S78-S79

Jun 1965 421 JB22

Feed milling, Grain elevators, Ohio, Stored-product insects.

1400-67

WHEAT FRACTURING AS AFFECTING INFESTATION BY CRYPTOLESTES FERRUGINEUS.

D W Tuff H S Telford

J Econ Entom 57(4):S13-S16, TABS.

Aug 1964 421 JB22

Cryptolestes ferrugineus, Wheat.

1401-67

CHEMICAL CONTROL OF PERIODICAL CICADA, MAGICICADA SEPTENDECIM, ON APPLES IN NORTH CAROLINA.

G F Turnipseed

J Econ Entom 57(2):295

Apr 1964 421 JB22

Apples, Insect control, Magicicada septendecim, Magicicada septendecim, North Carolina.

## Rodents &amp; Other Pests

1402-67

ETHYLENE OXIDE FUMIGANTS TO ELIMINATE QUARANTINABLE SNAILS COCHLICELLA OR THEBA IN CARGO.

H H Richardson H Roth

J Econ Entom 56(6):B36-B39

Dec 1963 421 JB22

Ethylene oxide, Freight, Fumigants, Snails.

## 50 ENVIRONMENTAL CONTAMINATION

1403-67

THE MYCOFLORA OF PEANUTS IN STORAGE.  
U L Diener  
Phytopatholo 50(3):220-223  
Mar 1960 464.B P56  
Mycoflora, Peanuts, Storage.

1404-67

REVIEW OF ADSORPTION AND DESORPTION OF ORGANIC PESTICIDES BY SOIL COLLOIDS, WITH IMPLICATIONS CONCERNING PESTICIDE BIO-ACTIVITY.  
G W Bailey J L White  
J Agr Food Ch 12(4):324-332, BIBL., 331-332  
Jul 1964 381 JB223  
Pesticides, Soil adsorption, Soil colloids.

1405-67

SUSCEPTIBILITY AND RESISTANCE OF MOSQUITO FISH TO SEVERAL INSECTICIDES.  
C E Boyd D E Ferguson  
J Econ Entom 57(4):430-431  
Aug 1964 421 JB22  
Insecticides, Mosquito fish.

1406-67

TOXICITY OF DIBROM VAPORS TO GREENHOUSE INSECTS.  
C H Condron R B Neiswander R D Wessel  
J Econ Entom 55(2):221-244, TABS.  
Apr 1962 421 JB22  
Greenhouses, Insects, Naled, Naled, Toxicology, Vapors.

1407-67

EFFECT OF SOIL APPLICATIONS OF NEMATOCIDES ON EMERGENCE OF PERIODICAL CICADA.  
R W Dean D H Palmittter  
J Econ Entom 56(4):540  
Aug 1963 421 JB22  
Maglicicada septendecim, Maglicicada septendecim (L.), Nematocides, Soil treatment.

1408-67

DETERMINATION OF PHOSPHINE IN AIR BY GAS CHROMATOGRAPHY.  
T Dumas  
J Agr Food Ch 12(3):257-258  
May 1964 381 JB223  
Air, Chromatography, Phosphine.

1409-67

HERBICIDE UPTAKE FROM SOILS: UPTAKE OF RADIOACTIVE ETHYL-N,N-DI-N-PROPYLTHIO CARBAMATE (EPTC-S35) AND TRANSLOCATION OF SULFUR-35 IN VARIOUS CROPS.  
S C Fang P Thelsen  
J Agr Food Ch 8(4):295-298  
Jul 1960 381 JB223  
Crops, EPTC, Radioactive substances, Soil contamination, Sulfur isotopes, Sulfur-35.

1410-67

A NOTE ON THE EFFECTS OF SOME SOIL STERILANTS ON THE MINERALISATION AND NITRIFICATION OF SOIL-NITROGEN.  
J K R Gasser J E Peachey  
J Sci Food A 15(3):142-146  
Mar 1964 382 S012  
Mineralization (nutrients), Nitrification, Nitrogen, Soil sterilization.

1411-67

THE SURVIVAL OF VERTICILLIUM ALBO-ATRUM IN MUCK SOILS.  
R J Green Jr  
Phytopatholo 50(9):637  
Sep 1960 464.8 P56  
Inoculum, Muck soils, Verticillium albo-atrum.

1412-67

SOIL EFFECTS ON PESTICIDES: DETERMINATION OF CARBON IN ORGANIC SOILS BY OXYGEN FLASK COMBUSTION.  
N H Gutenmann D J Lisk  
J Agr Food Ch 9(6):489-490  
Nov 1961 381 JB223  
Carbon, Flask combustion, Pesticides, Soil analysis.

1413-67

INFLUENCE OF SOIL TYPE ON THE ACTIVITY OF INSECTICIDES IN SOIL.  
C R Harris  
J Econ Entom 59(5):1221-1225

50 1414-67

Oct 1966 42I J822  
*Acheta* (>*Gryllus*) *pennsylvanicus* (Burmeister),  
 Soil insecticides, Soil series.

1414-67

ADSORPTION OF SEVERAL PRE-EMERGENCE HERBICIDES BY HAWAIIAN  
 SUGAR CANE SOILS.  
 H W Hilton Q H Yuen  
 J Agr Food Ch 11(3):230-234, TA8S.  
 May 1963 381 J8223  
 Hawaii, Herbicides, Soil adsorption, Sugar cane.

1415-67

THE CONCENTRATION OF DIMEFOX IN AIR RESULTING FROM ITS USE  
 ON HOPS.  
 G A Lloyd J C Tweedie  
 J Sci Food A 15(3):169-172  
 Mar 1964 382 S012  
 Air, Air pollution, Dimefox, Hops.

1416-67

TWO NEW COMPOUNDS AS SEED AND SOIL TREATMENTS.  
 E N Pelletier H C Palmer  
 Phytopatholo 50(9):650-651  
 Sep 1960 464.8 P56  
 Seed treatment, Soil analysis.

1417-67

PERSISTENCE OF INSECTICIDES IN SOIL AND THEIR EFFECTS ON  
 COTTON IN GEORGIA.  
 J E Roberts R D Chisholm L Koblitzky  
 J Econ Entom 55(2):153-155, TA8S  
 Apr 1962 421 J822  
 Cotton, Georgia, Insecticide residues.

1418-67

AVAILABILITY OF DIELDRIN TO ADULT *Blissus leucopterus* AND  
 LARVAL *Cyclocephala immaculata* IN TREATED SAND, LOAM, AND  
 MUCK SOILS.  
 R J Roberts  
 J Econ Entom 56(6):781-785, TA8S.  
 Dec 1963 421 J822  
*Blissus leucopterus* (Say),  
*Cyclocephala immaculata* (Olivier), Insect adults,  
 Insecticide sorption (soils), Larvae, Loam, Muck soils,  
 Sand.

1419-67

REVIEW OF DISAPPEARANCE OF SUBSTITUTED UREA HERBICIDES FROM  
 SOIL.  
 T J Sheets  
 J Agr Food Ch 12(1):30-33, 818L. 33  
 Jan 1964 381 J8223  
 Herbicides, Soil contamination, Urea.

1420-67

THIOCYANATE SCORCH ON GRASSLAND.  
 H Tod  
 J Sci Food A 15(6):362-364  
 Jun 1967 382 S012  
 Pastures, Scorch, Thiocyanates.

## 55 RESIDUES

1421-67

GAS CHROMATOGRAPHIC AND COLORIMETRIC MEASUREMENT OF DIMETHO-  
 ATE RESIDUES.  
 C H van Middeltem R E Waites  
 J Agr Food Ch 12(2):178-182  
 Mar 1964 381 J8223  
 Chromatography, Colorimetry, Dimethoate,  
 Insecticide residues.

1422-67

RESIDUES IN CATTLE TISSUES FOLLOWING BACK-LINE AND SPRAY  
 APPLICATIONS OF TRICHLORFON.  
 T R Adkins Jr  
 J Econ Entom 59(6):1423-1425  
 Dec 1966 421 J822  
 Cattle, Insecticide application, Insecticide residues,  
 Trichlorfon.

1423-67

RESIDUE DEPOSITION OF CO-RAL IN THE TISSUES OF BACK-LINE-  
 TREATED CATTLE.  
 Jr, T R Adkins D H Kropf S G Woods  
 J Econ Entom 56(6):759-761  
 Dec 1963 421 J822  
 Cattle, Co-Ral, Insecticide application,  
 Insecticide residues.

1424-67

COLORIMETRIC DETERMINATION OF DEXON RESIDUES IN CROPS.  
 C A Anderson J M Adams  
 J Agr Food Ch 11(6):474-477  
 Nov 1963 381 J8223  
 Colorimetry, Fungicide residues,  
 Para-dimethylaminobenzenediazo sodium sulfonate,  
 Plant residues.

1425-67

INSECTICIDE RESIDUES: PROCEDURE FOR CLEAN UP OF PLANT  
 EXTRACTS PRIOR TO ANALYSES FOR DDT AND RELATED PESTICIDES.  
 C Anglin W P McKinley  
 J Agr Food Ch 8(3):186-189, TA8S.  
 May 1960 381 J8223  
 DDT, Pesticides, Plant extracts.

1426-67

METHOD FOR PHOSPHAMIDON RESIDUE ANALYSIS.  
 R Anliker R E Menzer  
 J Agr Food Ch 11(4):291-293  
 Jul 1963 381 J8223  
 Chromatography, Insecticide residues, Phosphamidon.

1427-67

DETERMINATION OF AMIBEN IN TOMATO BY GAS-LIQUID AFFINITY GAS  
 CHROMATOGRAPHY.  
 C A Bache W H Gutenmann D J Lisk  
 J Agr Food Ch 12(2):185-187  
 Mar 1964 381 J8223  
 Amiben, Chromatography, Herbicide residues, Tomatoes.

1428-67

INSECTICIDE RESIDUE STUDIES: THE FATE OF HEPTACHLOR IN THE  
 SOIL FOLLOWING GRANULAR APPLICATION TO THE SURFACE.  
 W F Barthel R T Murphy W G Mitchell C Corley  
 J Agr Food Ch 8(6):445-447, TA8S.  
 Nov 1960 381 J8223  
 Heptachlor, Insecticide application, Insecticide residues.

1429-67

THE CONTACT TOXICITY OF SOME PESTICIDE RESIDUES TO  
 HYMENOPTEROUS PARASITES AND COCCINELLID PREDATORS.  
 R Bartlett  
 J Econ Entom 56(5):694-698  
 Oct 1963 421 J822  
 Coccinellidae, Hymenoptera, Parasitic insects,  
 Pesticide residues, Predaceous insects.



- 1430-67  
HERBICIDE RESIDUES: A COLORIMETRIC METHOD FOR THE DETERMINATION OF EPTC RESIDUES IN CROPS AND SOILS.  
G H Batchelder G G Patchett  
J Agr Food Ch 8(3):214-216, TA8S.  
May 1960 381 J8223  
Colorimetry, Crops, Herbicide residues, EPTC, Soils.
- 1431-67  
DIMETHOATE RESIDUES ON SOYBEAN, CORN, AND GRASS FORAGE.  
E W Beck L H Dawsey D W Woodham D B Leuck  
J Econ Entom 59(1):78-82  
Feb 1966 421 J822  
Corn, Dimethoate, Forage plants, Insecticide residues, Soybeans.
- 1432-67  
RESIDUES OF ENDOSULFAN IN MEAT AND MILK OF CATTLE FED TREATED FORAGES.  
E W Beck J C Johnson Jr D W Woodham D B Leuck L H Dawsey  
J E Robbins M C Bowman  
J Econ Entom 59(6):1444-1450  
Dec 1966 421 J822  
Beef, Cattle, Endosulfan, Forage plants, Insecticide residues, Milk.
- 1433-67  
MICROCULOMETRIC GAS CHROMATOGRAPHIC ANALYSIS OF GRAPES AND COTTONSEED FOR CHLOROBENZILATE RESIDUES.  
H Beckman A Bevenue  
J Agr Food Ch 12(2):183-185  
Mar 1964 381 J8223  
Acaricide residues, Chlorobenzilate, Chromatography, Cottonseed, Grapes.
- 1434-67  
FUMIGANT RESIDUES: RETENTION OF ACRYLONITRILE AND CARBON TETRACHLORIDE BY SHELL WALNUTS FUMIGATED WITH ACRYLON.  
B Berck  
J Agr Food Ch 8(2):128-131  
Mar 1960 381 J8223  
Acrylon, Acrylonitrile, Carbon tetrachloride, Fumigant residues, Walnuts.
- 1435-67  
A TOTAL PHOSPHORUS TECHNIQUE FOR DETERMINING ORGANOPHOSPHORUS PESTICIDE RESIDUES USING SCHOENIGER FLASK COMBUSTION.  
R C Blinn  
J Agr Food Ch 12(4):337-338  
Jul 1964 381 J8223  
Combustion, Organophosphorus, Pesticide residues.
- 1436-67  
A CARCINOGENICITY EVALUATION OF POTASSIUM ARSENITE AND ARSANILIC ACID.  
R K Boutwell  
J Agr Food Ch 11(5):381-385  
Sep 1963 381 J8223  
Arsanilic acid, Carcinogens, Potassium arsenite.
- 1437-67  
DETERMINATION OF INSECTICIDE RESIDUES ON GREEN AND BLUE-CURED TOBACCO AND IN MAIN-STREAM CIGARETTE SMOKE.  
T G Bowery F E Guthrie  
J Agr Food Ch 9(3):193-197  
May 1961 381 J8223  
Cigarette smoke, Insecticide residues, Tobacco.
- 1438-67  
THE COLORIMETRIC DETERMINATION OF O-ISOPROPOXYPHENYL-N-METHYLCARBAMATE.  
P Bracha  
J Agr Food Ch 12(5):461-463, TA8S.  
Sep 1964 381 J8223  
o-isopropoxyphenyl-N-methylcarbamate, Bayer, Colorimetry, Insecticide residues.
- 1439-67  
RESIDUAL SPRAYS FOR THE CONTROL OF HOUSE FLIES IN FIELD TESTS.  
U E Brady Jr D W Melfert G C LaBrecque  
J Econ Entom 59(6):1522-1523  
Dec 1966 421 J822  
Insecticide residues, Musca domestica, Musca domestica, Spraying.
- 1440-67  
ARE ANIMAL FEED ADDITIVES HAZARDOUS TO HUMAN HEALTH.  
J Brueggemann J Schole J Tiews  
J Agr Food Ch 11(5):367-371  
Sep 1963 381 J8223  
Feed additives, Feed toxicity, Tissue residues.
- 1441-67  
DETERMINATION OF NN-DIPHENYL-P-PHENYLENEDIAMINE (DPPD) IN FAT AND OTHER BIOLOGICAL MATERIALS.  
P Budowski I Ascarelli A Bondi  
J Sci Food A 11(9):503-509  
Sep 1960 382 S012  
Egg yolks, Fats, Feed, DPPD, Serum.
- 1442-67  
MECHANISMS OF CONTAMINATION OF ALFALFA WITH HEPTACHLOR AND HEPTACHLOR EPOXIDE.  
H D Byrne A L Steinhauer  
J Econ Entom 59(2):338-341  
Apr 1966 421 J822  
Alfalfa, Heptachlor, Heptachlor epoxide, Soil contamination.
- 1443-67  
CHEMICAL AND MICROBIOLOGICAL SURVEYS ON THE EFFECTS OF DITHIOCARBAMATE FUNGICIDES ON WINE-MAKING.  
C Cantrell F Tafuri A Martini  
J Sci Food A 15(3):186-196, TA8S.  
Mar 1964 382 S012  
Fungicides, Thiols, Wine manufacture.
- 1444-67  
DETERMINATION OF TEPA RESIDUES ON CHEMOSTERILIZED MEXICAN FRUIT FLIES.  
S C Chang A B Borkovec  
J Econ Entom 59(1):102-104  
Feb 1966 421 J822  
Anastrepha ludens (Loew), Chemosterilized, Insecticide residues, Tepe.
- 1445-67  
RESIDUES OF OO-DIMETHYL S-(N-METHYLCARBAMOYL METHYL) PHOSPHOROTHIOLOTHIONATE (DIMETHOATE) IN SPRAYED CROPS.  
E D Chilwell P T Beecham  
J Sci Food A 11(7):400-407, TA8S.  
Jul 1960 382 S012  
Crops, Dimethoate, Insecticide residues, Spraying.
- 1447-67  
INSECTICIDE RESIDUES: MEAT AND MILK RESIDUES FROM LIVESTOCK SPRAYS.  
H V Claborn R C Bushland H D Mann M C Ivey R D Radeleff  
J Agr Food Ch 8(6):439-442, 818L. 441-442, TA8S.  
Nov 1960 381 J8223  
Insecticide residues, Livestock, Meat, Milk, Spraying.
- 1448-67  
INSECTICIDE RESIDUES IN MILK: DETERMINATION OF METHOXYCHLOR AND OR METABOLITES IN MILK FOLLOWING TOPICAL APPLICATION TO DAIRY COWS.  
M L Cluett W K Lowen H L Pease C A Woodhouse  
J Agr Food Ch 8(4):277-281, TA8S.  
Jul 1960 381 J8223  
Dairy cattle, Insecticide application, Insecticide residues, Metabolites, Methoxychlor, Milk, Milk analysis.
- 1449-67  
DETERMINATION OF FURALTADONE IN MILK.  
P L Cox J P Heotis  
J Agr Food Ch 11(6):499-501  
Nov 1963 381 J8223  
Drug residues, Furmethonol, Furmethonol, Milk.
- 1450-67  
INSECTICIDE RESIDUES: DETERMINATION OF RESIDUES OF PHORATE AND ITS INSECTICIDALLY ACTIVE METABOLITES BY CHOLINESTERASE INHIBITION PART I. BASIC METHOD PART II. ALTERNATIVE SAMPLE PREPARATION AND RECOVERY DATA.  
A N Curry L M Kress R A L Paylor  
J Agr Food Ch 9(6):469-477  
Nov 1961 381 J8223  
Cholinesterases, Insecticide residues, Metabolites, Phorate.
- 1451-67  
INSECTICIDE RESIDUES: PERSISTENCE OF DIMETHOATE AND METABOLITES FOLLOWING FOLIAR APPLICATION TO PLANTS.  
W C Dauterman G B Viadu J E Casida R D O'Brien  
J Agr Food Ch 8(2):115-119  
Mar 1960 381 J8223  
Dimethoate, Foliar application, Metabolites.

55 1452-67

- 1452-67  
A FIELD TECHNIQUE FOR OIL DEPOSIT DETERMINATION ON CITRUS THROUGH COLORIMETRIC ANALYSIS.  
H A Dean E L Wilson J C Bailey R W White L A Riehl  
J Econ Entom 57(4):458-461  
Aug 1964 421 J822  
Citrus, Colorimetry, Oil deposits.
- 1453-67  
TRANSLOCATION OF DDT AND HEPTACHLOR IN SOYBEANS.  
W G Eden S W Arthur  
J Econ Entom 58(1):161-162  
Feb 1965 421 J822  
Heptachlor, Insecticide translocation, DDT, Soybeans.
- 1454-67  
DETERMINATION OF ORGANIC FLUORINE RESIDUES IN BLACKCURRANTS.  
H Egan R Wood  
J Sci Food A 11(10):582-584  
Oct 1960 382 S012  
Currants, Fluorine compounds, Insecticide residues.
- 1455-67  
RESIDUES OF SEVIN IN WHOLE MILK FROM SPRAYED AND DUSTED COWS.  
J F Eheart E C Turner J Dickinson  
J Econ Entom 55(4):504-505  
Aug 1962 421 J822  
Carbaryl, Cattle, Dusting, Milk, Residues, Spraying.
- 1456-67  
COMBINATION OF THERAPEUTIC AGENTS.  
R F Elliott  
J Agr Food Ch 11(5):391-393, TA8S.  
Sep 1963 381 J8223  
Feed additives, Therapeutics, Tissue residues.
- 1457-67  
THE ADDITIVES AMENDMENT IN PRACTICE.  
R W Engel  
J Agr Food Ch 11(5):371-373  
Sep 1963 381 J8223  
Feed additives, Legislation, Nutrition.
- 1458-67  
CHEMICAL EVALUATION OF PESTICIDE RESIDUES ON STRAWBERRIES.  
J E Fahey J G Rodriguez H W Rusk C E Chaplin  
J Econ Entom 55(2):179-184, TA8S.  
Apr 1962 421 J822  
Chemical control (insects), Chemistry, Pesticide residues, Strawberries.
- 1459-67  
CHLORINATED HYDROCARBON INSECTICIDE RESIDUES IN SOILS OF URBAN AREAS, BATTLE CREEK, MICHIGAN.  
J F Fahey J W Butcher R T Murphy  
J Econ Entom 58(5):1026-1027  
Oct 1965 421 J822  
Insecticide residues, Michigan, Soil analysis.
- 1460-67  
A SIMULATED-FIELD METHOD OF TESTING RESIDUAL INSECTICIDE DEPOSITS AGAINST COCKROACHES.  
A D Flynn H F Schoof  
J Econ Entom 59(1):110-113  
Feb 1966 421 J822  
Blattidae, Blattidae, Insecticide residues.
- 1462-67  
ACARICIDE RESIDUES: A MODIFICATION OF THE ROSENTHAL METHOD FOR RAPID DETERMINATION OF KETHANE RESIDUES.  
D A George J E Fahey K C Walker  
J Agr Food Ch 9(4):264-266  
Jul 1961 381 J8223  
Acaricides, Dicofol, Insecticide residues, Rosenthal's test.
- 1463-67  
COLORIMETRIC METHOD FOR THE ESTIMATION OF DIMETHOATE RESIDUES.  
P A Glang M S Schechter  
J Agr Food Ch 11(1):63-66  
Jan 1963 381 J8223  
Colorimetry, Dimethoate, Insecticide residues.
- 1464-67  
INSECTICIDE RESIDUES: COLORIMETRIC DETERMINATION OF RESIDUES OF PHORATE AND ITS INSECTICIDALLY ACTIVE METABOLITES.  
P A Glang M S Schechter  
J Agr Food Ch 8(1):51-54  
Jan 1960 381 J8223  
Colorimetry, Insecticide residues, Metabolites, Phorate.
- 1465-67  
INSECTICIDE RESIDUES: A PROCEDURE FOR THE MICRODETERMINATION OF 1-BUTOXY-2-(2-THIOCYANOETHOXY)-ETHANE (LETHANE 384) WITH APPLICATIONS FOR DETERMINATION OF RESIDUES IN MILK AND ANIMAL TISSUES.  
C F Gordon L D Haines A L Wolfe  
J Agr Food Ch 9(6):478-481  
Nov 1961 381 J8223  
Insecticide residues, Lethane 384.
- 1466-67  
COLORIMETRIC METHOD FOR THE DETERMINATION OF ETHION OF RESIDUES.  
J R Graham E F Orwoll  
J Agr Food Ch 11(1):67-69  
Jan 1963 381 J8223  
Colorimetry, Ethion, Insecticide residues, Spectrophotometry.
- 1467-67  
HERBICIDE RESIDUES: IMPROVED EXTRACTION PROCEDURE FOR THE DETERMINATION OF EPTC RESIDUES IN POTATOES.  
W H Gutenmann D J Lisk  
J Agr Food Ch 8(3):216-217  
May 1960 381 J8223  
Herbicide residues, EPTC, Potatoes.
- 1468-67  
THE ELECTRON AFFINITY DETECTOR IN PESTICIDE RESIDUE ANALYSIS.  
W H Gutenmann D J Lisk  
J Agr Food Ch 11(4):301-303, TA8S.  
Jul 1963 381 J8223  
Chromatography, Electron affinity, Pesticide residues.
- 1469-67  
RAPID DETERMINATION OF DIPHENYLAMINE IN APPLES BY DIRECT BROMINATION AND GAS CHROMATOGRAPHY.  
W H Gutenmann D J Lisk  
J Agr Food Ch 11(6):468-470  
Nov 1963 381 J8223  
Apples, Bromination, Chromatography, Diphenylamine, Pesticide residues.
- 1470-67  
THIODAN AND TELODRIN RESIDUES ON TOBACCO.  
F E Guthrie T G Bowery  
J Econ Entom 55(6):1017-1018  
Dec 1962 421 J822  
Endosulfan, Endosulfan, Insecticide residues, Telodrin, Tobacco.
- 1471-67  
INSECTICIDE RESIDUES IN MILK: THE EFFECTS OF FEEDING HIGH LEVELS OF SEVIN ON RESIDUE, FLAVOR, AND ODOR OF THE MILK OF DAIRY CATTLE.  
G G Gyrisco D J Lisk S N Fertig E W Huddleston F H Fox  
R F Holland C W Trimberger  
J Agr Food Ch 8(5):409-410  
Sep 1960 381 J8223  
Carbaryl, Dairy cattle, Insecticide residues, Milk.
- 1472-67  
THE RATIONALE FOR MEDICATED FEEDS.  
L E Hanson  
J Agr Food Ch 11(5):365-367  
Sep 1963 381 J8223  
Drugs, Feed additives, Livestock diseases.
- 1473-67  
RESIDUES OF HEPTACHLOR EPOXIDE AND TELODRIN IN MILK FROM COWS FED AT PART PER BILLION INSECTICIDE LEVELS.  
D D Hardee W H Gutenmann G I Keenan G G Gyrisco D J Lisk  
F H Fox G W Trimberger R F Holland  
J Econ Entom 57(3):404-407  
Jun 1964 421 J822  
Dairy cattle, Heptachlor epoxide, Insecticide residues, Milk, Telodrin.
- 1474-67  
FUMIGATION EFFICIENCY AS AFFECTED BY EXPOSURES, FORMULATIONS AND BY INSECT SPECIES AND STAGES.  
P K Harein  
J Econ Entom 55(4):527-533, TA8S.  
Aug 1962 421 J822  
Fumigation, Grain, Stored products, Toxicology.

- 1475-67**  
DDT RESIDUES ON SWEET CORN EAR TIPS AND SILKS AFTER TREATMENT WITH DUST, SPRAY, OR GRANULAR FORMULATIONS.  
E A Harrell M C Bowman W W Hare  
J Econ Entom 58(1):55-58, 818L.  
Feb 1965 421 J822  
Dusting, *Heliothis zea* (Boddie), Insecticide application, Insecticide residues, DDT, Spraying, Sweetcorn.
- 1476-67**  
COLORIMETRIC DETERMINATION OF 6-METHYL-2,3-QUINOXALINEDITHIOL CYCLIC CARBONATE (MORESTAN) RESIDUES IN APPLES AND PEARS.  
R Havens J M Adams C A Anderson  
J Agr Food Ch 12(3):247-248  
May 1964 381 J8223  
Apples, Colorimetry, Morestan, Pears, Pesticide residues.
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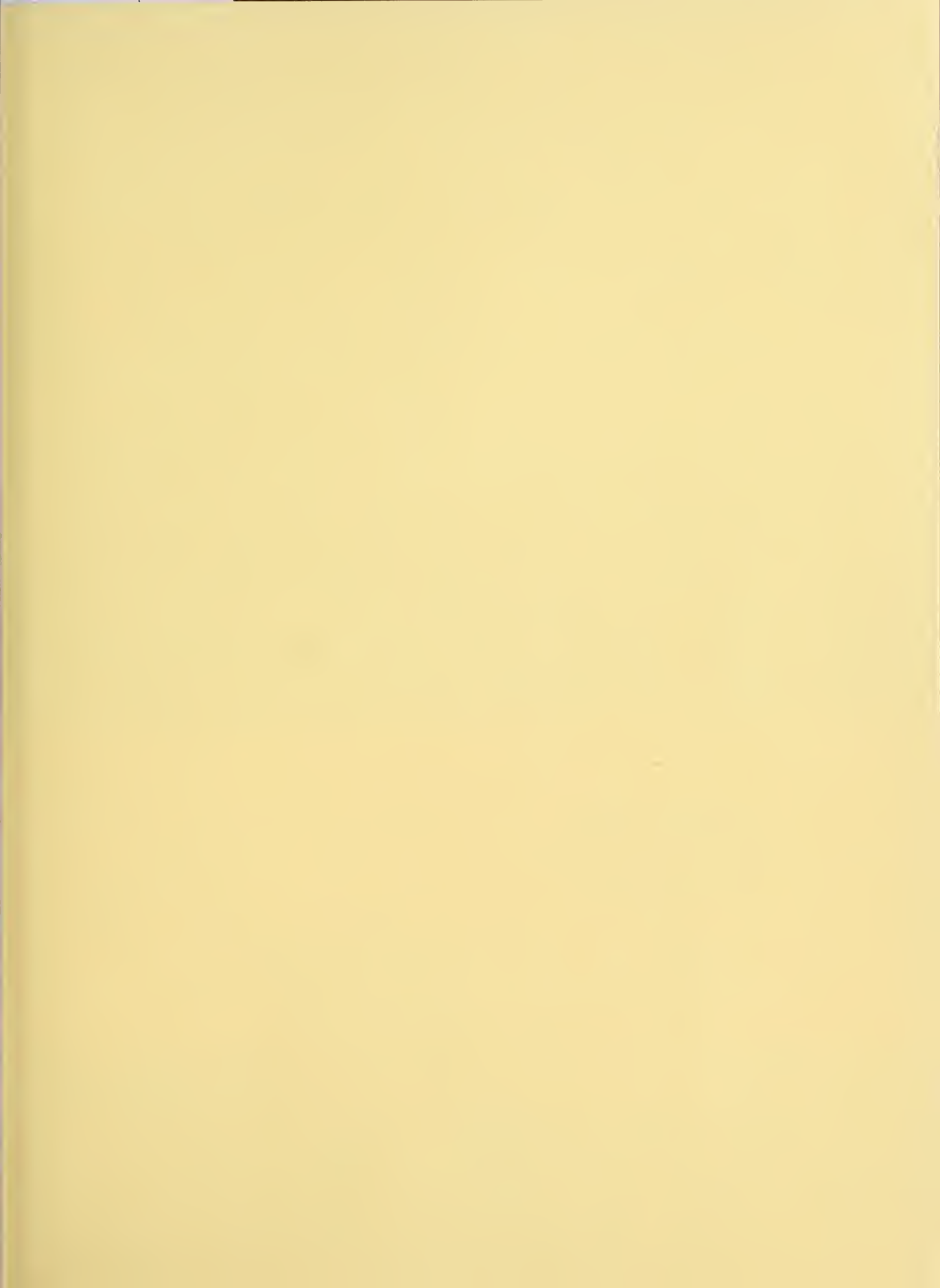














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